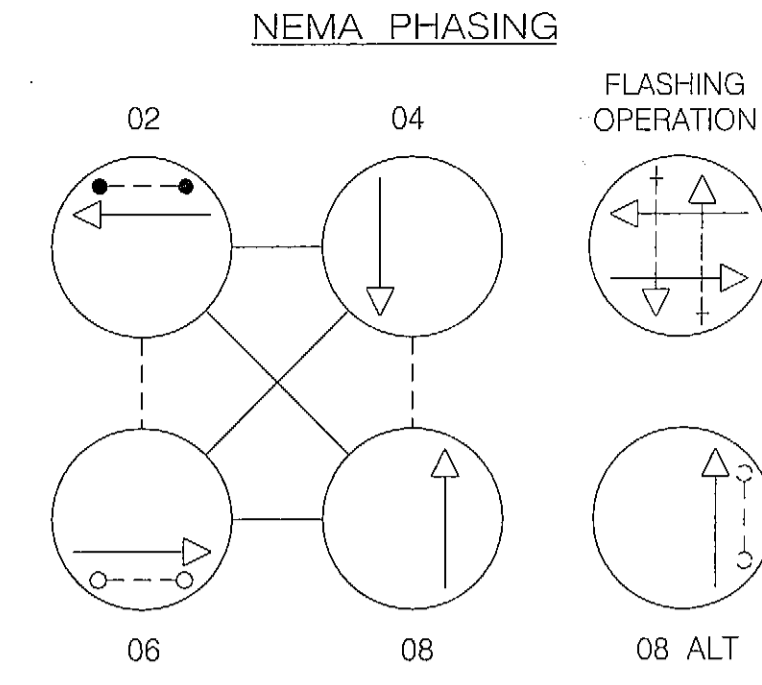
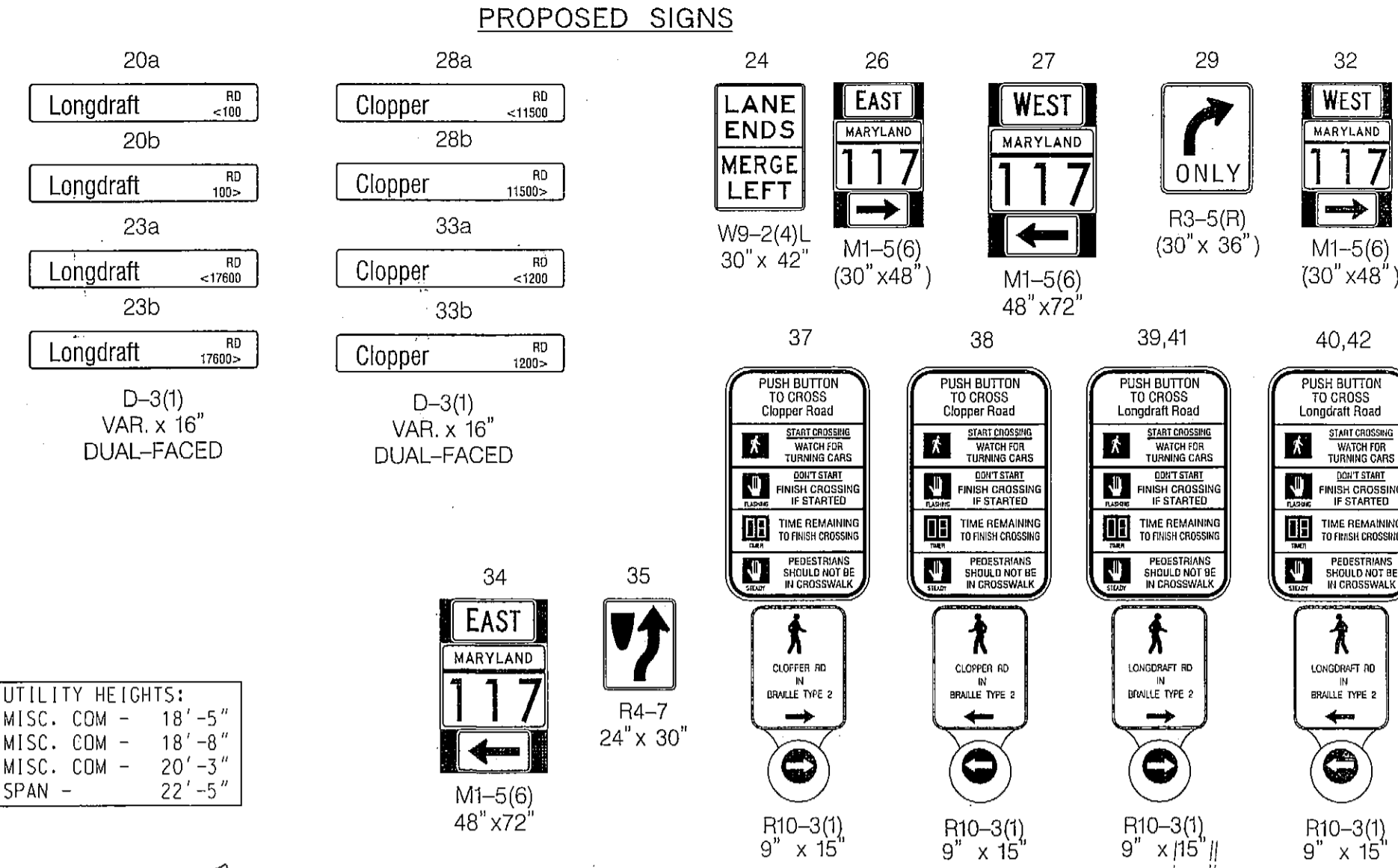
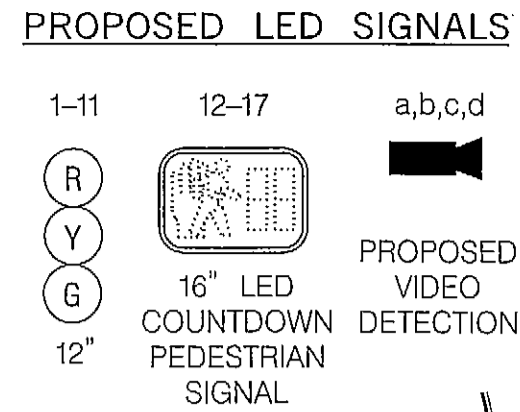
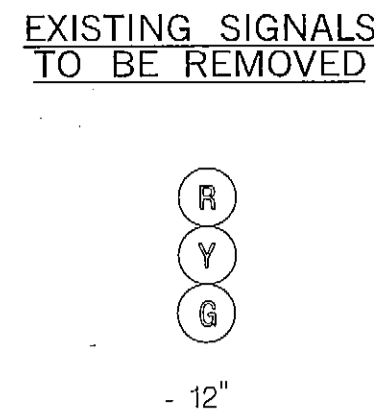
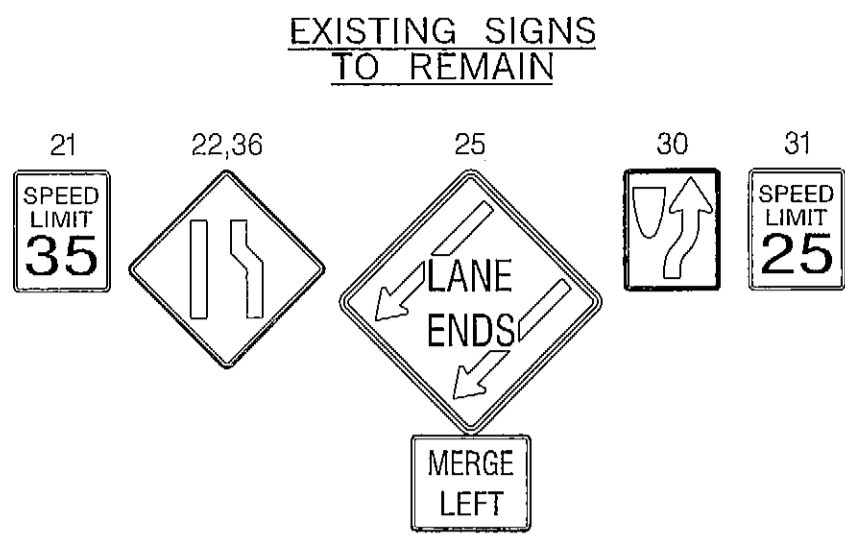
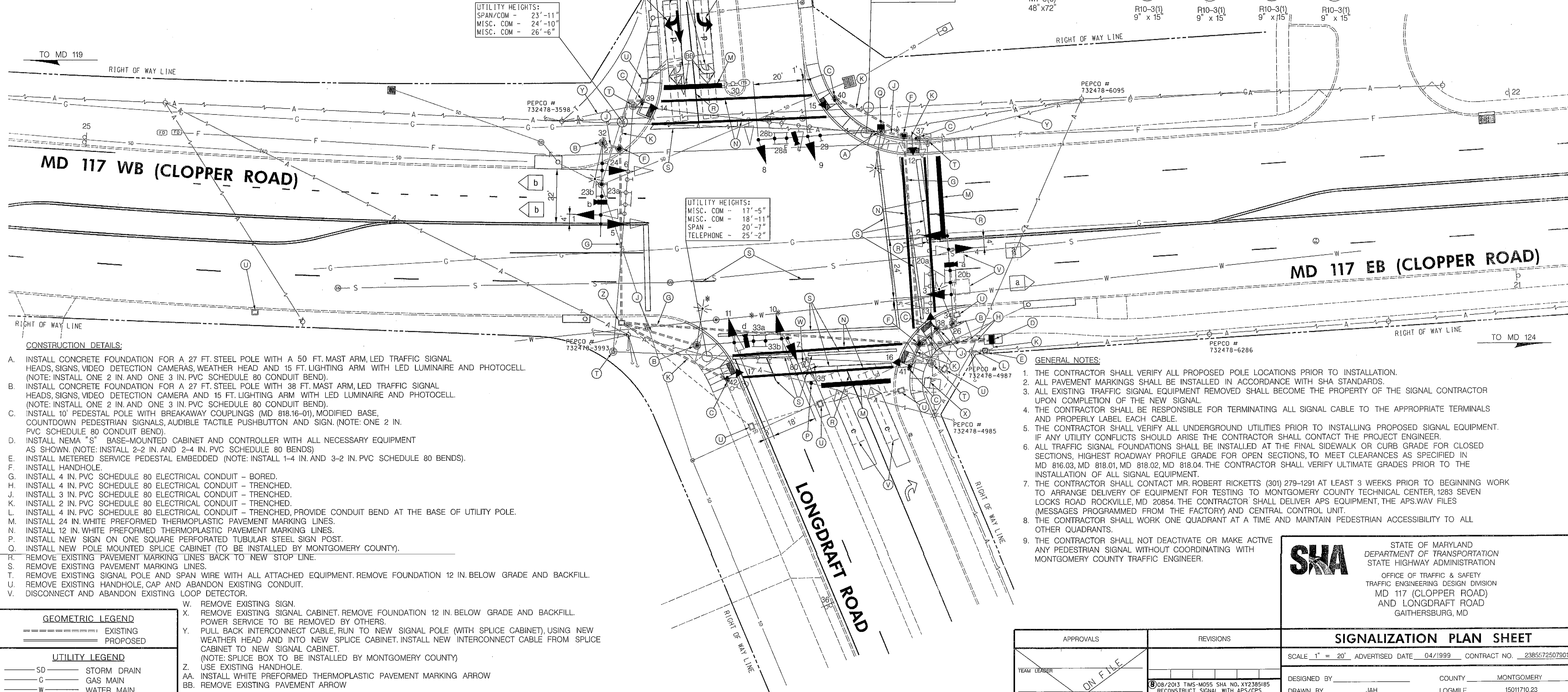


MD 117 IS ASSUMED TO RUN  
IN AN EAST/WEST DIRECTION



PHASES ASSOCIATED BY A DASHED LINE  
WILL OPERATE CONCURRENTLY.

PHASES ASSOCIATED BY A SOLID LINE  
WILL NOT OPERATE CONCURRENTLY.



GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.

2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH SHA STANDARDS.

3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.

5. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.

6. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

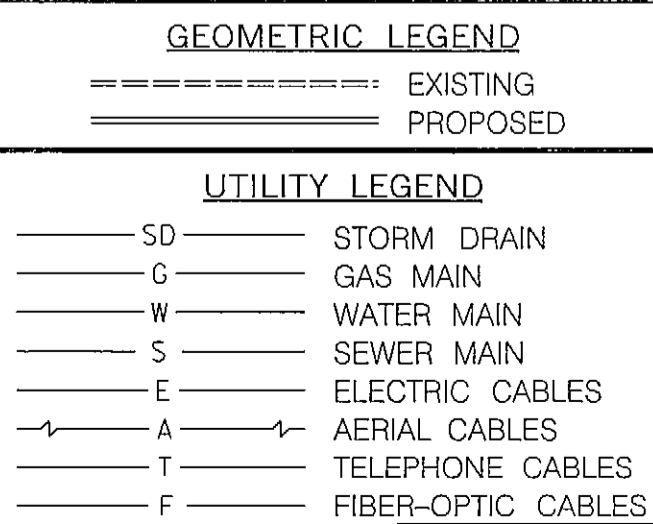
7. THE CONTRACTOR SHALL CONTACT MR. ROBERT RICKETTS (301) 279-1291 AT LEAST 3 WEEKS PRIOR TO BEGINNING WORK TO ARRANGE DELIVERY OF EQUIPMENT FOR TESTING TO MONTGOMERY COUNTY TECHNICAL CENTER, 1283 SEVEN LOCKS ROAD ROCKVILLE, MD 20854. THE CONTRACTOR SHALL DELIVER APS EQUIPMENT, THE APS.WAV FILES (MESSAGES PROGRAMMED FROM THE FACTORY) AND CENTRAL CONTROL UNIT.

8. THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.

9. THE CONTRACTOR SHALL NOT DEACTIVATE OR MAKE ACTIVE ANY PEDESTRIAN SIGNAL WITHOUT COORDINATING WITH MONTGOMERY COUNTY TRAFFIC ENGINEER.

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 117 (CLOPPER ROAD)  
AND LONGDRAFT ROAD  
GAITHERSBURG, MD



BRUDIS & ASSOCIATES, INC.  
Consulting Engineers

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Phone 410-384-3607  
www.brudis.com

APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIR. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	

SIGNALIZATION PLAN SHEET	
SCALE: 1" = 20', ADVERTISED DATE: 04/1999, CONTRACT NO.: 2385572507901	
DESIGNED BY	COUNTY: MONTGOMERY
DRAWN BY: JAH	LOGMILE: 15011710.23
CHECKED BY	TIMS NO.: N/P
F.A.P. NO.	TOD NO.: N/P
TS NO. 1978-B	DRAWING: SG-1 OF 2
SHEET NO. 1 OF 3	

PLOTTED: Thursday, August 22, 2013 AT 02:47 PM  
FILE: P:\09-002 TEDD\Task 135 MD 117 Signals\Drawings\CADD\Working\MD117Longdraft Rtn\SG-P001\_M117BLD.dgn